SpectraPor®
Dynamic dialysis systems

DYNAMIC DIALYSIS APPLICATIONS:

APPLICATIONS	WHY DYNAMIC DIALYSIS IS PREFERRED	EXAMPLE
Delicate samples	Gentle separation without shear stress	Labile proteins and intact viruses
Viscous samples (Hyaluronic Acid)	Process hydrogels that are too viscous for filtration	Cross-linked Hyaluronic Acid for aesthetics and orthobiologics
Protein refolding	Refold proteins to native state using gradual pH change through buffer flow	Overexpressed proteins containing inclusion bodies
High debris lysate	Will not foul like pressure driven filtration	Demineralized bone matrix for othopedic surgery
Polymer and Biopolymer synthesis	Low MWCO enables removal of unbound low molecular weight monomer	Oligonucleotides and polypeptides
Scale up of any static dialysis application	Easy scale up without complex validation or financial burden of filtration	Desalting

Tank sizes:

SAMPLE VOLUME

TANK VOLUME	650 ml	1400 ml	2200 ml	5 L	7 L	10 L	TANK VOLUME

Max flatwidth - 32 mm   Max flatwidth - 75 mm

MATERIALS OF CONSTRUCTION:

SAMPLE VOLUME

All systems and components are manufactured using the highest quality, inert materials.

Quality Specification:
- USP Class VI biosafety requirements.
- 21 CFR 177.1520
- Phthalates, BPA and DEHP free.
- BSE/TSE free.

Quality Management System-ISO 9001:2015